

ExpressMail Label EL 795645626 US

Abstract

Methods and apparatus for searching Semantic Web structured resources and presenting the search results to a user can increase the likelihood that the search can produce meaningful results. An index database can be constructed by parsing literal values from statements from the resources to obtain component words of the literal values, with the index relating the component words to the statements from which they were parsed. A search engine can obtain component words from the database that match search terms in a query prepared by the user and can obtain the related statements for the matching words. A servlet or other application using the search engine and database can obtain predicates, instances, types of said instances, and full literal values of said instances for the related statements. The search results can be presented to the user as a summary of the predicates, instances, types, and full literal values.